

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---------------|---|------------------|---------|------------------|
| S1    | 15   | "763239"      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/12/05 15:27 |
| S2    | 55   | "0027317"     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/12/05 15:28 |
| S5    | 1    | "20020027317" | US-PGPUB  | OR               | ON      | 2005/12/05 15:29 |
| S6    | 2    | "5885521"     | US-PGPUB  | OR               | ON      | 2005/12/05 15:30 |
| S7    | 18   | "5885521"     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/12/05 15:31 |
| S8    | 4    | "6413295"     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/12/05 15:34 |
| S9    | 15   | "763239"      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/12/05 15:35 |
| S10   | 20   | "493313"      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/12/05 15:36 |
| S11   | 19   | "508546"      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/12/05 15:37 |

## EAST Search History

|     |         |   |   |    |     |                  |
|-----|---------|---|---|----|-----|------------------|
| S14 | 440     | hidetoshi near tanaka   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/05 15:44 |
| S13 | 197     | takao near harada   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/05 15:44 |
| S12 | 31      | ((("6585800") or ("6579505") or ("6669470") or ("6685466") or ("6660221") or ("6689182") or ("6592647") or ("6669756") or ("6592649") or ("6511316") or ("6521171") or ("6602320") or ("6630010") or ("6503289") or ("6517770") or ("6569223") or ("6368379") or ("6500381") or ("6302938") or ("6296479") or ("6241803") or ("6319302") or ("6334883") or ("6254665") or ("6251161") or ("6129777") or ("6258149") or ("6152983") or ("6149709") or ("6063156") or ("5989019"))).PN. | USPAT   | OR | OFF | 2005/12/05 15:44 |
| S16 | 213     | (75/484).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/05 15:45 |
| S15 | 30      | hiroshi near sugitatsu  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/05 15:45 |
| S21 | 1858870 | primary   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/05 15:50 |
| S20 | 923987  | oxygen or "oxygen-enriched" or "oxygen enriched"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/05 15:50 |

## EAST Search History

|     |         |   |   |    |    |                  |
|-----|---------|---|---|----|----|------------------|
| S19 | 226465  | burner  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 15:50 |
| S22 | 1676864 | secondary   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 15:51 |
| S25 | 8       | S17 and S19 and S20 and S21 and S22                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 15:52 |
| S26 | 245     | S17 and iron  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 16:31 |
| S27 | 99      | S26 and S19   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 16:56 |
| S28 | 111     | S17 and S19   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 16:57 |
| S17 | 903     | S1 S2 S3 S4 S5 S6 S7 S8 S9 S10<br>S11 S12 S13 S14 S15 S16 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 16:57 |
| S29 | 0       | "degree of reduction"                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/06 16:47 |

## EAST Search History

|     |        |   |   |    |     |                  |
|-----|--------|---|---|----|-----|------------------|
| S31 | 213    | (75/484).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/06 16:49 |
| S34 | 135    | S30 and S33   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/06 16:50 |
| S33 | 822    | S31 S32   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/06 16:50 |
| S32 | 611    | ((266/176) or (266/168)).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/06 16:50 |
| S35 | 8803   | degree near reduction   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/06 16:51 |
| S30 | 590966 | degree and reduction  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/06 16:51 |
| S37 | 28     | ("3443931"   "3635456"   "3776533"<br>  "4597564"   "4622905"  <br>"4676741"   "4701214"   "5186741"<br>  "5601631"   "5637133"  <br>"5730775"   "5782957").PN. OR<br>("6258149").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2005/12/06 16:54 |
| S38 | 6      | S37 and S35   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/06 16:55 |

## EAST Search History

|     |        |  |   |    |    |                  |
|-----|--------|--|---|----|----|------------------|
| S36 | 24     | S34 and S35                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/06 16:59 |
| S40 | 17805  | oxygen near (enrich or enrichment or enriched) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/06 17:00 |
| S43 | 4      | S41 and S42                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/06 17:01 |
| S42 | 767053 | primary and secondary                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/06 17:01 |
| S41 | 37     | S33 and S40                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/06 17:02 |
| S44 | 26     | S41 and hearth                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/06 17:04 |
| S45 | 1628   | hearth near (moving or rotary)                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/06 17:05 |
| S48 | 1      | S46 and S47                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/06 17:06 |

## EAST Search History

|     |        |                        |   |    |    |                  |
|-----|--------|------------------------|---|----|----|------------------|
| S47 | 767053 | primary and secondary  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/06 17:06 |
| S49 | 15     | S46 and burner         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/06 17:07 |
| S46 | 18     | S44 and S45            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/06 17:07 |
| S50 | 197    | takao near harada      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/07 13:53 |
| S53 | 588    | S50 S51 S52            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/07 13:54 |
| S52 | 30     | hiroshi near sugitatsu | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/07 13:54 |
| S51 | 444    | hidetoshi near tanaka  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/07 13:54 |
| S56 | 791    | S53 S55                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/07 13:55 |

## EAST Search History

|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| S55 | 216   | (75/484).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/07 13:55 |
| S57 | 26333 | oxygen near (rich enriched enrich enriching)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/07 13:56 |
| S58 | 27    | S56 and S57  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/07 13:58 |
| S60 | 4     | S58 and (primary and secondary and burner)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/07 14:06 |
| S59 | 24    | S58 and (primary secondary burner)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/07 14:06 |
| S61 | 17    | (US-20010027701-\$ or<br>US-20020027317-\$ or<br>US-20030102610-\$ or<br>US-20040163493-\$ or<br>US-20040211295-\$ or<br>US-20050087039-\$ or<br>US-20050211020-\$).did. or<br>(US-5885521-\$ or US-5989019-\$ or<br>US-6258149-\$ or US-6368379-\$ or<br>US-6749664-\$ or US-6511316-\$ or<br>US-6413295-\$ or US-6296479-\$ or<br>US-4689007-\$).did. or<br>(US-6413295-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT                                    | OR | ON  | 2006/02/07 14:09 |
| S63 | 8     | S59 and S62  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/07 14:10 |

## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S62 | 9   | S61 and S57   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/07 14:10 |
| S64 | 62  | ("5989019" "6063156" "6129777" "6149709" "6152983" "6241803" "6251161" "6254665" "6258149" "6296479" "6302938" "6319302" "6334883" "6368379" "6500381" "6503289" "6511316" "6517770" "6521171" "6569223" "6579505" "6585800" "6592647" "6592649" "6602320" "6630010" "6660221" "6669470" "6669756" "6685466" "6689182").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/07 14:24 |
| S54 | 15  | "763239"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/07 14:24 |
| S65 | 5   | S57 and S64   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/07 14:25 |
| S66 | 1   | S65 not S63   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/07 15:32 |
| S68 | 2   | S57 and S67   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/07 15:34 |
| S67 | 505 | ("175481" "870797" "154962" "161783" "166144" "483981" "486498" "482403" "193218" "223367" "253873" "265330" "321445" "440369" "395340" "480256")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/07 15:34 |



## EAST Search History

|     |         |   |   |    |    |                  |
|-----|---------|---|---|----|----|------------------|
| S69 | 20      | (US-20010027701-\$ or<br>US-20020027317-\$ or<br>US-20030102610-\$ or<br>US-20040163493-\$ or<br>US-20040211295-\$ or<br>US-20050087039-\$ or<br>US-20050211020-\$ or<br>US-20030037714-\$ or<br>US-20020194959-\$).did. or<br>(US-5885521-\$ or US-5989019-\$ or<br>US-6258149-\$ or US-6368379-\$ or<br>US-6749664-\$ or US-6511316-\$ or<br>US-6413295-\$ or US-6296479-\$ or<br>US-4689007-\$).did. or<br>(US-6413295-\$ or US-6063156-\$).<br>did. | US-PGPUB;<br>USPAT;<br>DERWENT                                    | OR | ON | 2006/02/07 15:49 |
| S70 | 1956482 | (carbon carbonaceous coal coke<br>dioxide monoxide)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/07 15:51 |
| S73 | 2796588 | primary secondary   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/07 15:52 |
| S72 | 27915   | hearth  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/07 15:52 |
| S71 | 5615230 | (metal iron oxide ore)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/07 15:52 |
| S74 | 26333   | oxygen near (rich enriched enrich<br>enriching)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/07 15:53 |
| S75 | 311     | S70 and S71 and S72 and S73 and<br>S74  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/07 15:56 |

## EAST Search History

|     |        |   |   |    |    |                  |
|-----|--------|---|---|----|----|------------------|
| S77 | 21     | S75 and S76                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/07 15:57 |
| S76 | 160352 | "NOx" "NO.xub.x" "NO2" "NO.sub.2"       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/07 15:57 |
| S80 | 1      | S78 and S79 and zone                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 08:45 |
| S79 | 1443   | secondary near burner                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 08:45 |
| S81 | 123    | S78 and (secondary burner zone)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 08:52 |
| S83 | 1      | oxygne near (enrich enriched enriching) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 09:00 |
| S82 | 25     | S81 and secondary                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 09:00 |
| S85 | 7      | S82 and S84                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 09:01 |

## EAST Search History

|     |       |   |   |    |     |                  |
|-----|-------|---|---|----|-----|------------------|
| S84 | 17875 | oxygen near (enrich enriched enriching)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/30 09:14 |
| S78 | 218   | (75/484).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/05/30 09:46 |
| S89 | 4     | "6413295"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/30 09:47 |
| S88 | 19    | "5885521"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/30 09:47 |
| S90 | 50    | S87 and (burner hearth)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/30 09:49 |
| S87 | 62    | ("5989019" "6063156" "6129777" "6149709" "6152983" "6241803" "6251161" "6254665" "6258149" "6296479" "6302938" "6319302" "6334883" "6368379" "6500381" "6503289" "6511316" "6517770" "6521171" "6569223" "6579505" "6585800" "6592647" "6592649" "6602320" "6630010" "6660221" "6669470" "6669756" "6685466" "6689182").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/05/30 09:50 |
| S91 | 31    | ("5989019" "6063156" "6129777" "6149709" "6152983" "6241803" "6251161" "6254665" "6258149" "6296479" "6302938" "6319302" "6334883" "6368379" "6500381" "6503289" "6511316" "6517770" "6521171" "6569223" "6579505" "6585800" "6592647" "6592649" "6602320" "6630010" "6660221" "6669470" "6669756" "6685466" "6689182").PN. | USPAT   | OR | ON  | 2006/05/30 09:57 |

## EAST Search History

|          |         |   |   |    |    |                  |
|----------|---------|---|---|----|----|------------------|
| S92      | 15      | ("6585800" "6579505" "6669470"<br>"6685466" "6660221" "6689182"<br>"6592647" "6669756" "6592649"<br>"6511316" "6521171" "6602320"<br>"6630010" "6503289" "6517770").<br>pn. | USPAT   | OR | ON | 2006/05/30 10:03 |
| S97      | 595     | S93 S95 S96   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 10:04 |
| S96      | 448     | hidetoshi near tanaka   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 10:04 |
| S95      | 32      | hiroshi near sugitatsu  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 10:04 |
| S93      | 200     | takao near harada   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 10:04 |
| S99      | 30      | S98 and burner  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 10:05 |
| S98      | 93      | S97 and (furnace)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 10:05 |
| S10<br>0 | 3019827 | "6749664" (primary secondary<br>burner)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 10:30 |

## EAST Search History

|          |    |   |   |    |    |                  |
|----------|----|---|---|----|----|------------------|
| S86      | 21 | S78 and S84   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 10:30 |
| S10<br>1 | 1  | "6749664" and (primary secondary burner)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 10:33 |
| S10<br>2 | 34 | "5730775" and (primary secondary burner)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 10:40 |
| S10<br>3 | 9  | "6368379" and (fuel primary secondary burner)                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 10:51 |
| S10<br>4 | 2  | "6284017" and oxygen  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 11:08 |
| S10<br>5 | 41 | ("6284017" "5730775" "6749664") and (carbon coal coke carbonaceous) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 11:16 |
| S10<br>6 | 14 | ("6284017" "5730775" "6749664") and (secondary)                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 11:24 |
| S10<br>7 | 43 | ("6284017" "5730775" "6749664" "6129777") and (monoxide or "CO")    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 12:31 |

### EAST Search History

|    |    |                           |   |    |    |                  |
|----|----|---------------------------|---|----|----|------------------|
| L2 | 3  | "6296479" and "secondary" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 12:33 |
| L1 | 10 | "6296479" and "12"        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 12:33 |